

## ON-TRACK PLANT

### ENGINEERING CONFORMANCE CERTIFICATE

This certificate is issued in accordance with RIS-1710-PLT Issue 2.1

**NAME OF CERTIFICATION BODY**  
**AEGIS Certification Services Ltd**

**ACCREDITATION CODE**  
**AC**

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**Machine Class/Description** Liebherr A924 Rail-1510 (Type 9B)  
**Machine Owner** Shovlin Plant Hire Ltd  
**Issue Date** 24<sup>th</sup> November 2023  
**Expiry Date** 24<sup>th</sup> November 2030

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**Machine Number:** **99709 950020-6**

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**First of Class** No  
**Certificate Number of First of Class** AC/0429/23

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**Authorised by:**



ACS-JPC-237

J P Court  
AEGIS PAB Signatory



**Official Stamp**



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#### Reason for Issue and Scope of Work

Previous Certificate:  
Not applicable.

This certificate:  
First approval to RIS-1530-PLT Issue 6.

**Deviations Associated with this Certificate**

**Tracker Number** TR96555  
**Description** To permit certification to RIS-1530-PLT Issue 6 after publication of RIS-1530-PLT Issue 7.

**Previous Certificate Number:** N/A

**Approved User Documentation**

<b>ID No.</b>	<b>Title</b>	<b>Issue No.</b>	<b>Date</b>
HMM0015	Liebherr A924 Rail-1510 Operation and maintenance Plan	E	03/05/2023

**Machine Data**

<b>Gross Mass</b>	24 500 kg	<b>Gauge</b>	Plant
<b>Travelling mode plant gauge exceedance</b>	114 mm vertically in lower sector W6a Gauge compliant		
<b>Tailswing gauge exceedance</b>	700 mm	<b>Tailswing Height</b>	1426 mm
<b>Front end equipment gauge exceedance</b>	5690 mm	<b>RCI Software Version</b>	9.61
<b>Hydraulic park brake pressure</b>	100 bar	<b>Hydraulic service brake pressure</b>	0-80 bar
<b>Air service brake pressure</b>	8.5 bar	<b>Air park brake pressure</b>	8.5 bar

**Approved Values**

<b>Bucket Pin SWL</b>	10 000kg	<b>Auxiliary Lifting Point SWL</b>	7 500 kg
<b>Quick Hitch SWL</b>	10 500kg	<b>Maximum number of people</b>	2
<b>Maximum towed load</b>	80 000 kg	<b>Maximum no. of trailers</b>	4

**Approved Track Conditions**

	<b>Travelling Mode</b>	<b>Working Mode</b>	<b>On/off-tracking</b>
<b>Maximum gradient</b>	1:25	1:25	1:25
<b>Maximum cant</b>	150 mm	150 mm	150 mm
<b>Minimum curve radius</b>	80 m	80 m	

**Use in Electrified Areas**

		<b>Travelling Mode</b>	<b>Working Mode</b>	<b>On/off-tracking</b>
<b>Overhead Line Equipment</b>	<b>Live</b>	Yes	Yes	Yes
	<b>Isolated</b>	Yes	Yes	Yes
<b>3<sup>rd</sup> / 4<sup>th</sup> Rail</b>	<b>Live</b>	No	No	No
	<b>Isolated</b>	Yes	Yes	Yes

**Approved Maximum Speeds**

	<b>Travelling Mode</b>	<b>Working Mode</b>
<b>Plain Line</b>	12.5 mph	5 mph
<b>Switches and Crossings</b>	5 mph	5 mph
<b>Raised check and guard rails</b>	5 mph	5 mph
<b>Reverse</b>	5 mph	5 mph
<b>Towing</b>	8 mph	5 mph

**Limitations of Use**

1. The machine shall not be used outside a possession.
2. The maximum number of people transported on this machine shall not exceed the value given in the Approved Values section of this ECC.
3. Lifts shall not exceed any SWL given in the Approved Values section of this ECC.
4. The maximum towed load shall not exceed the value given in the Approved Values section of this ECC.
5. The maximum number of trailers shall not exceed the number given in the Approved Values section of this ECC.
6. The machine shall not be used on track conditions in excess of those given in the Approved Track Conditions section of this ECC.
7. The machine speed shall not exceed the values given in the Approved Maximum Speeds section of this ECC.
8. Machine exceeds plant gauge in travelling mode, see Machine Data section of this ECC.
9. The machine exceeds the stated gauge in working mode, see Machine Data section of this ECC.
10. If adjacent lines are open to traffic, this machine shall be used only if a safe system of work has been adopted to take account of the extra gauge exceedance caused by attachments.
11. Ground staff shall control reverse movements.
12. The machine is to proceed at walking speed and ground staff control the movement in reverse until the superstructure can be slewed to face direction of travel.
13. The machine may only operate with the access adjacent to a cess or a line closed to all train movements or the documented safe system of work must take account of adequate safe clearances to adjacent lines.
14. Not to be used ALO on LU.

15. This machine is suitable for On/off-tracking, traveling and working under the live OLE when used in conjunction with a safe system of work.
16. The machine shall not on/off-track, travel or work on live conductor rail lines.
17. Where an attachment is known to have a significant adverse effect on stability the RCI shall always be in "Lift Mode" when using the attachment.

**Supplementary Information**

1. The machine's first approval for seven years was assessed against RIS-1530-PLT issue 6.
2. The machine is a Liebherr 924 road rail conversion.
3. The machine is fitted with: 2.08m Artic, 3.40m Boom & 1.85m Dipper
4. The machine is fitted with a High Performance Movement Limiting Device.
5. Duty chart reference: Liebherr 924 K132511 2.08m + 3.40m + 1.85m dated 22-Nov-2023.

Serial Number	K132511
Fleet Number	Giga L - 2511